

Special Waste Surveys

ITEM G-1

To: NA
From: NA
Date: May 22, 2001
Subject: PESA Response/Work Order

ITEM G-2

To: J. Easterly, IDOT District 6
From: William T. Sunley, IDOT Central Office
Date: October 17, 1997
Subject: PESA Review

ITEM G-3

To: N/A
From: N/A
Date: N/A
Subject: PESA Reevaluation

PESA Response/Work Order

Attention: Central Office BD&E
Environment Section
Special Waste Unit
Room 330

Submittal Date: 02/07/1995 Sequence No: 24 Requesting Agency: DOH
Contract #: Job No.: P-96-006-93
District: 6 Counties: Morgan, Cass, Schuyler, McDonough
Route: FAP 310 Marked: US 67
Street: Section: (69,9,85,55)
Municipality(ies): Jacksonville, Beardstown, Industry Project Length: 180.93 km 100 miles
From To (At): From North end of Jacksonville Bypass to U.S. 136 at Macomb
Quadrangle: Township-Range-Section:

PESA Response Submittal Date: 05/22/2001
Action ☐ District will not need ROW from the contaminated property
Taken by ☐ Avoid Site
District: ☒ Excavation will not exceed recommended depths
☐ Further Investigation
☒ Other - Use Comments Section

Comments: The PESA Review for this project was received October 17, 1997 (ISGS #568). ROW will be required from several locations listed, but excavation will not exceed recommended depths at any of the locations. Please see attached table out of the EIS for more detail.

Contact Person: Greg Larson Telephone: (217) 785-9727 ext.

Work Order Submittal Date:
Project Description:
Survey Type: ☐ Potential Waste Site(s) ☐ UST-LUST ☐ Miscellaneous and Testing
Reason Why Site(s) Cannot Be Avoided:
Property to be surveyed is owned by IDOT:
Property Owner/Tenants has been notified of future survey by certified letter:

SECTION 4—ENVIRONMENTAL CONSEQUENCES

TABLE 4-27
Non-Hazardous Special Waste Impacts

Site and ISGS No.	Type of Contamination	Location	Comment
Bedwell Farm, 568-5a and 568-5b	VOCs	Common Segment	PESA stated no concern as long as construction does not exceed 0.9 m (3 ft) at boreholes 568-5a and 5b. This depth will not be exceeded, construction will involve fill at this location.
Amoco Pipeline, 568-8a and 568-8b	Hexane less than 8 ppm; unidentified VOCs with retention times greater than that of methane	Common Segment	PESA stated no concern as long as construction does not exceed 1.8 m (6 ft) within 15 m (50 ft) at boring 568-8a; and 2.7 m (9 ft) within 15 m (50 ft) of boring 568-8b. These depths will not be exceeded by construction.
Unnamed tank battery, 568-18a and 18b	Unidentified VOC with a retention time greater than that of methane at 18a Total VOCs were detected at a concentration of 80 ppm at 18b	Common Segment	PESA stated no concern as long as construction does not exceed 0.3 m (15 ft) at boring 568-25a. This site will be acquired but not disturbed by construction.
Lovecamp Farm, 568-31a	Unidentified VOCs with retention times greater than that of methane	Alternative E	PESA stated no concern as long as construction does not exceed 1.8 m (6 ft) within 7.6 m (25 ft) at boring 568-31a. This depth will not be exceeded, construction will involve fill at this location.
Former gasoline station, 568-33	Unidentified VOCs with retention times greater than that of methane	Alternative E	PESA stated no concern as long as construction does not exceed 0.9 m (3 ft) at boring 568-33. This depth will not be exceeded, construction will involve fill at this location.



Illinois Department of Transportation

Memorandum

To: J. Easterly Attn: R. Smith
 From: William T. Sunley By: Peter J. Frantz
 Subject: PESA Review
 Date: October 17, 1997

Peter J. Frantz

Refer to: FAP 310 (U.S. 67)
 Job No. P96-006-93
 Corridor Study from Jacksonville to Macomb
 Morgan, Scott, Cass, and McDonough Counties
 ISGS # 568

Attached is a copy of the Preliminary Environmental Site Assessment conducted by the Illinois State Geological Survey (ISGS) for the subject project as described in your Hazardous Waste Survey Request.

Volatile organic testing was done for this project and the attached (ISGS) report indicates possible detection of contamination at 18 sites. The report has assessed a **high** risk for this project and recommends that further soil boring and sample analysis needs to be performed to determine the precise nature and extent of the contamination if additional right-of-way is required at these locations.

It is the opinion of this office, in consultation with the Chief Counsel's Office, that if right-of-way acquisition **does not include the ownership or operation** of any underground storage tanks and if construction excavation does not exceed

2.7 meters (9 feet) within 7.6 meters (25 feet) of boring 568-1a; 1.8 meters (6 feet) within 7.6 meters (25 feet) of boring 568-1b at Smith Airport, southwest corner of U.S. 67 and U.S. 136, east of Macomb; and

2.7 meters (9 feet) at borehole 568-3a at former Old Dutch Mill Gas Station, west side of U.S. 67, 0.8 km (0.5 mi) north of West Street, Industry; and

0.9 meters (3 feet) at boring 568-5a; 0.9 (3 feet) at boring 568-5b at former gasoline station/Bedwell Farm, U.S. 67 and Doddsville Road; and

1.8 meters (6 feet) within 15 meters (fifty feet) of boring 568-8a; 2.7 meters (9 feet) within 15 meters (fifty feet) of boring 568-8b at Amoco Oil Co., on U.S. 67 approximately 1.5 km (0.9 mi) north of Camden-Frederick/Tullis Road, Rushville;

1.8 meters (6 feet) at boring 568-10a; 1.8 meters (6 feet) at boring 568-10b at Roger Spiller's Trucking, U.S. 24 and Vermont Road, Rushville; and

1.8 meters (6 feet) within 7.6 meters (25 feet) of boring 568-11a at former gasoline station, east side of U.S. 25 approximately 0.1 km (.06 mi) north of Dump Road, Rushville; and

1.8 meters (6 feet) within 15 meters (fifty feet) of boring 568-12b at Jim Sullivan Auto Repair, U.S. 67 and County Farm Road; and

2.6 meters (8.5 feet) within 15 meters (fifty feet) of boring 568-14a at Rushville Hardee's Restaurant, U.S. 67 and U.S. 24, Rushville; and

1.8 meters (6 feet) within 15 meters (fifty feet) of boring 568-16a at Midland Minerals tank battery, north side of Parkview Road East; and

0.9 meters (3 feet) within 3.0 meters (ten feet) of boring 568-18a; 0.9 meters (3 feet) within 2.4 meters (8 feet) of boring 568-18b at unnamed tank battery, south side of Parkview Road East; and

0.3 meters (1 foot) within 15 meters (fifty feet) of boring 568-20 at oil wells and tank battery/Pfiefer Est., U.S. 67 and Pfiefer Road, Rushville; and

2.7 meters (9 feet) within 15 meters (fifty feet) of boring 568-25a at Beardstown Township, U.S. 67 and Upper Meredosia Road, Beardstown; and

1.8 meters (6 feet) within 7.6 meters (25 feet) of boring 568-31a at Lovekamp Farm, west side of U.S. 67 approximately 1.3 km (.8 mi) south of the Cass-Morgan County Line; and

0.9 meters (3 feet) at boring 568-33 at former gasoline station, along the south side of U.S. 67 approximately .15 km (.1 mi) west of Bethel Road, Chapin; and

1.8 meters (6 feet) within 3.0 meters (ten feet) of boring 568-34a; no excavating or grading within 15 meters (fifty feet) of boring 568-34c at Morgan County Service, U.S. 67 and Bethel Road, Chapin; and

1.8 meters (6 feet) at boring 568-35 at former Amoco, U.S. 67 and Ash Street, Chapin; and

0.9 meters (3 feet) within 15 meters (fifty feet) of boring 568-36a at Bearcat Junction, U.S. 67 and Cooper Street, Chapin; and

1.5 meters (5 feet) within 15 meters (fifty feet) of boring 568-37b at former bulk plant, U.S. 67 and Burlington Northern Railroad tracks; Chapin;

then no additional preliminary testing for the project is necessary. If the above stipulations can be met, then the project will be in compliance with Departmental Hazardous Waste Policy LEN-13. If the stipulations cannot be met, then the statewide consultant should be requested to perform additional investigations. Please notify this office of any actions you may decide to take concerning these sites (i.e., avoidance, further investigation, etc.). The attached transmittal form is provided for your convenience.

Other findings and recommendations of the report should be carefully considered. A copy of the ISGS report has been sent to the State Fire Marshal as a complaint of a release. Although they have been asked to investigate at their earliest convenience, we can proceed using our own policy and procedures.

Also, please note the detection of potential USTs at the following sites: former Log Cabin gasoline station, U.S. 67 and Log Cabin Road, Littleton; Wilson Veterinary Clinic, U.S. 67 and Camden-Frederick/Tullis Road, Rushville; and Lovekamp Farm, west side of U.S. 67 approximately 1.3 km (0.8 mi) south of the Cass-Morgan County Line, Meredosia.

If you have any questions regarding this report or the tasking of the statewide consultant, please contact John Washburn at 217/782-7074 or Steven Gobelman at 217/785-4246.

Attachment

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cc: Randy Schick
Central Bureau of Land Acquisition
District Bureau of Land Acquisition
Charles Kalbfleisch
Mike Berry

PESA Reevaluation

The PESA for the subject project was completed on October 17, 1997. Standards issued by the American Society for Testing and Materials (ASTM) indicate that property audits for special waste/regulated substance contamination should only be considered valid for a period of six months. Per the BDE Manual, Chapter 27, Section 2.07, the district has reevaluated the project area.

It has been determined that it is not necessary to complete a supplement PESA for the subject project. This determination was based upon review of the existing land use throughout the proposed corridor. In addition, the EPA CERCLIS Hazardous Waste Site list (updated March 19, 2002) and the IEPA LUST Site list (updated April 19, 2002) were reviewed to determine the presence of any new sites within the project corridor. This search did not uncover any new sites or significant land use changes within the project corridor; therefore, the PESA dated October 17, 1997, is revalidated effective April 24, 2002 (Appendix G).